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Forestry Schools in the United States

Preface

This booklet has been compiled by the U.S. Department of Agriculture, Forest Service, based on information submitted by individual colleges and universities.

The listing is a valuable tool for use by guidance counselors, teachers, high school students, and others seeking information on forestry curricula offered by the individual schools. While every effort has been made to avoid errors, the Forest Service does not vouch for the completeness of the list, its accuracy, or the relative merits of the courses offered. Additional information concerning entrance requirements, detailed coursework, financial aid, scholarships, etc., may be obtained from the respective schools.

Certain schools on the list are indicated as accredited by the Society of American Foresters. Accreditation in this case is limited to professional forestry instruction. In rating a curriculum for accrediting purposes, the Society examines and evaluates the institutional status of the forestry program; the size, duties, and qualifications of the forestry faculty; the quality of instruction in supporting departments; the financial support for forestry; classroom, library, and laboratory facilities; facilities for field instruction; and professional standing of the forestry alumni.

Revised May 1980

Slightly Revised October 1983

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Department of Forestry
Auburn University
Auburn, AL 36830

Degrees: Bachelor of science in forest management, wood technology, or forest engineering (in cooperation with the Department of Agricultural Engineering); master of forestry, master of science, and Ph.D. Graduate majors are available in forest management/economics, forest ecology, tree improvement/genetics, silviculture/soils, tree physiology, forest biometrics/mensuration, photogrammetry, timber harvesting, and wood technology. Undergraduate students majoring in forest management or forest engineering attend a 10-week camp following either the freshman or sophomore year. The camp is held at the Solon Dixon Forestry Education Center located in south Alabama. Qualified students majoring in forest management may apply for an honors program during their junior and senior years. Under the honors program, students pursue an individually tailored curriculum that provides depth in a specific area of forestry or better qualifies them for graduate school. The Tuskegee National Forest is within 15 miles of Auburn University and is used during the academic year as a field laboratory. The University owns four additional forest properties which are located throughout the State and are available for both educational and research purposes. Accredited by the Society of American Foresters.

School of Forestry
Northern Arizona University
Flagstaff, AZ 86001

Degrees: Bachelor of science, master of science in forestry. N.A.U. offers a new concept in undergraduate education—totally integrated instruction. During the three professional semesters, the student enrolls in no other classes. Instruction is continuous and uncompartmentalized, and all forestry faculty are involved. No summer camp is required. The 4,000-acre school forest is just 5 miles from campus and available for instruction and research. Flagstaff is in the center of forestry activities in the Southwest. Accredited by the Society of American Foresters.

Department of Watershed Management
University of Arizona
Tucson, AZ 85721

Degrees: Bachelor of science, master of science, and Ph.D. in watershed management or range management. Four-year programs include forest management, forest science, recreation resource management, watershed hydrology, general range management, range-watershed, and range science. Emphasis at the bachelor degree level is on the multiple use management of natural resources and/or preparation for graduate work. Undergraduates (except for watershed hydrology majors) are required to take a summer field course. Students in the forestry disciplines spend 7 weeks in the Santa Catalina and White Mountains; students enrolled in a range program tour for 3 weeks to study a variety of southwestern ranges. Graduate work is offered in the fields of forest science, range science, watershed hydrology, resource economics, and outdoor recreation. The department maintains a Santa Catalina forested watershed from which data are telemetered to the department laboratory for continuous recording. In addition to the usual departments and laboratory facilities available at a university of this size (among the 30 largest in the United States), field research is carried on throughout the State. Accredited by the Society of American Foresters.

Department of Forestry
University of Arkansas at Monticello
Monticello, AR 71655

Degree: Bachelor of science in forestry. Four options are available for concentration within the degree: Forest management, forest administration, forest wildlife, and forest science. A mandatory 10-week summer session at the end of the sophomore year or upon completion of prerequisites provides an opportunity for intensive field study and practice. The Department is located in the Forest Resources Building, which also houses a USDA Forest Service work unit doing research in the area of uneven-aged pine management. Departmental research includes water quality and wildlife habitat as affected by forestry practices, nutrient cycling in southern pines, hardwood growth and yield studies, and biomass/energy value relationships. Scholarships are available to outstanding students, as is the opportunity to participate in research programs.

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Because of its location in a region of intense forestry activity, graduates are in demand from private and public forestry, while many are self-employed in forest-related enterprise.

Natural Resources Management Department
California Polytechnic State University
San Luis Obispo, CA 93407

Degree: Bachelor of science in natural resource management with a concentration in forest resources management. The concentration provides broad training in forestry with elective emphasis in timber management, urban forestry, watershed management, and range management. The departmental facilities provide opportunity for development of skills necessary for forest resource management. Field practice takes place in campus forest and range sites and nearby public and private forest resource sites. Weekend and extended field trips and extended field sessions are incorporated into coursework during the academic year, but no summer camp is required. Forestry graduate work leading to a master of science in agriculture is available through the School of Agriculture and Natural Resources. State and Federal agencies, as well as private enterprise, contribute financially to the research and graduate program. Additional concentrations in environmental services, fishery and wildlife management, and parks and recreation are available. Affiliated Institution of the Society of American Foresters.

College of Natural Resources
Humboldt State University
Arcata, CA 95521

Degrees: Bachelor of science with majors in fisheries, forestry, natural resources planning and interpretation, oceanography, range management and wildlife; master of science with a major in natural resources with six options. The college is located in the redwood region of north coastal California; admirably suited for instruction in the natural resources disciplines. Field observations are emphasized. The Redwood Sciences Lab of the Pacific Southwest Forest and Range Experiment Station, the California Cooperative Fisheries Unit, a marine laboratory, and a wildlife research field station all augment research efforts. No summer camp requirement, since instruction is field oriented. Native Americans are assisted in natural resource careers by the Native American Career Education in Natural Resources program.

Department of Forestry and Resource Management
University of California, Berkeley
Berkeley, CA 94720

Degrees: Bachelor of science with majors in forestry and wood science and technology; master of forestry; master of science with majors in wildland resource science, range management, and wood science and technology; Ph.D. with majors in wildland resource science, wood science and technology, and various forestry-related sciences. Undergraduate forestry major provides optional fields of emphasis in forest management, range management, wildlife habitat management, park and recreational land management, industrial forestry, and biological sciences. Summer field program of 10 weeks in the Sierra Nevada follows the sophomore year. Six experimental forests and field stations are available for research and field study. The Forest Products Laboratory is a major research facility providing opportunities for graduate research in wood science. Accredited by the Society of American Foresters.

Colorado State University
College of Forestry & Natural Resources
Fort Collins, CO 80523

Degrees: Bachelor of science, master of forestry, master of science, and Ph.D. Majors are in forest biology; forest management science with concentrations in forestry biometry, forest fire science, forest management, forestry-business; wood science and technology with concentrations in wood chemistry, wood engineering, wood technology; fishery biology, wildlife biology; range-forest management; range ecology with concentrations in land rehabilitation, range animal nutrition, range ecosystem management, range land planning, range science; outdoor recreation with concentrations in conservation education, environmental interpretation, landscape architecture, park and recreation administration; geology; watershed sciences with concentrations in watershed management, watershed planning, watershed science; and natural resources management. Summer field quarter pro-

gram follows sophomore year at Pingree Park campus. The university's forest and range lands and natural area with their associated waters and special use areas in the Roosevelt National Forest are available for research in wood sciences and products, fishery ecology and taxonomy, watershed management and snow hydrology, wildlife ecology and habitat management, fish and wildlife diseases, range ecology and nutrition, recreation planning, remote sensing, systems ecology, ultramicroscopy, natural resource administration, and public relations. Specialized training in the several curricula begins with the sophomore year. Accredited by the Society of American Foresters.

School of Forestry and Environmental Studies
Yale University
New Haven, CT 06511

Graduate instruction only. The School offers three separate master's degree programs: 1) 1-year Master of Forestry; 2) 2-year Master of Forestry; and 3) 2-year Master of Forest Science. Applicants for the 1-year Master of Forestery must have earned a bachelor's degree in forestry, and between time of graduation and application to Yale, must have been engaged in at least 2 full years of full-time professional forestry activity. This program is designed for established foresters who wish to fill voids in their educational background. Applicants who hold an undergraduate forestry degree, or whose undergraduate programs have been in fields *other than* forestry, are eligible for the 2-year Master of Forestry program, which is intended to educate practitioners of forestry for management of forests and similar lands. Applicants whose undergraduate preparation has been in fields other than forestry or those who hold a bachelor's degree in forestry are also eligible for the 2-year Master of Forest Science degree. This program is designed for all those who wish to pursue environmental studies curricula and for those with an interest in a forest science specialization. The Master of Science, the Master of Philosophy, and the Ph.D. degrees are offered as part of the doctoral program of the Department of Forestry and Environmental Studies in the graduate school of Yale University. Accredited by the Society of American Foresters.

School of Forest Resources and Conservation
University of Florida
Gainesville, FL 32601

Degrees: Bachelor of science with major in forestry, wildlife ecology, or resource conservation; master of science and master of forest resources and conservation; Ph.D. in forest tree physiology, forest soils, forest nutrition, forest genetics, forest pathology, range management, and wildlife ecology in cooperating basic discipline departments. The School is progressing towards approval of a Ph.D. program in forestry and wildlife ecology (including fisheries). Undergraduate junior and senior year professional programs are offered through the School, while lower division work may be completed in the College of Liberal Arts and Sciences or at another institution that provides specified preprofessional requirements. The school faculty and students work closely with industry and public agencies towards improving the productivity of the intensively managed southern pine forest for all products. The 2,000-acre Austin Cary School Forest and other large forested areas located nearby provide excellent field laboratories. The school is housed in a new facility that provides excellent laboratories and equipment for instruction and research. Accredited by the Society of American Foresters.

School of Forest Resources
University of Georgia
Athens, GA 30602

Degrees: Bachelor of science in forest resources with concentrations in timber management and utilization, water resources, fish and wildlife biology, forest recreation management, forest resources administration, and forestry sciences; master of forest resources, master of science in forest resources; and Ph.D. in forest resources. The professional program is conducted through the School, while lower division work may be accomplished in the College of Arts and Sciences or at another institution provided that specified preprofessional requirements are met. Practical field instruction is required as an integral part of many courses in each area of concentration. Almost 14,000 acres of school forests for instruction and research are in close proximity. Well-equipped laboratories are available both on the

campus and at field locations. Cooperative Fisheries and Wildlife Research Units (housed in the School) and the USDA Forestry Sciences Laboratory nearby enhance the opportunities for instruction and research, especially at the graduate level. State and Federal agencies and private enterprise all contribute financially to the research and graduate programs. Accredited by the Society of American Foresters.

College of Forestry
Wildlife and Range Sciences
University of Idaho
Moscow, ID 83843

Degrees: Bachelor of science and master of science (thesis and nonthesis options) in fishery resources, forest products, forest resources, range resources, wildland recreation management and wildlife resources; Ph.D. in forestry, wildlife, and range sciences with emphasis areas in the above six fields. Students pursuing B.S. degrees in fishery resources, wildlife resources, forest business management with products emphasis, and in the science engineering option of forest products must complete at least one summer of approved work experience; all others must attend an 8-week summer camp scheduled between the sophomore and junior years. A guiding philosophy of the College is the principle of integrated resource management. Major characteristics of the curricula are: An ecological base, a quantitative core, and a strong field orientation. Facilities for teaching and research include the modern, well equipped FWR building; a 7,100-acre school forest; a forest nursery-greenhouse complex; summer camp on Payette Lake; a range field station and a wilderness field station in the Idaho Primitive Area. The University of Idaho Forest, Wildlife and Range Experiment Station administers an extensive research and graduate program. Close proximity to the vast outdoor resources of the Pacific Northwest provides an ideal opportunity for offering natural resources education.

Department of Forestry
School of Agriculture
Southern Illinois University
Carbondale, IL 62901

Degrees: Bachelor of science in forestry; master of science in forestry; and Ph.D. in coordination with other science departments. Specializations available at the undergraduate level include forest resource management, outdoor recreation resource management, forest environmental assessment, and forest science. A 5-week summer camp is required for all juniors in forest resource management and a 2-week summer field trip is required for all juniors in outdoor recreation resource management. Masters work is available in forest economics, forest ecology, forest management, forest recreation, silviculture, and utilization. All graduate degrees are awarded through the graduate school. Several Federal and State forest lands are within short driving distances of the campus. The Carbondale Forestry Science Laboratory of the North Central Forest Experiment Station, USDA Forest Service, adjoins the Agriculture Building. The Laboratory is engaged in research on genetics, silviculture, and utilization of central hardwoods. Accredited by the Society of American Foresters.

Department of Forestry
University of Illinois at Urbana-Champaign
Urbana, IL 61801

Degrees: Bachelor of science in forestry and master of science in forestry with emphasis in either forest science or wood science; Ph.D. in cooperation with other departments in the graduate college. Following the sophomore year a summer camp of 7 weeks in southern Illinois is required. Eight forest properties of the university are available for instruction and research. Accredited by the Society of American Foresters.

Department of Forestry and Natural Resources
Purdue University
West Lafayette, IN 47907

Degrees: Bachelor of science in forestry; master of science in forestry, and Ph.D.

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Undergraduate majors are available in forest management, forest products, urban forestry, wildlife management, and forest recreation. The degrees of master of science and Ph.D. are available in areas of specialized study. A 6-week summer camp on the Hoosier National Forest in Indiana follows the junior year. The department has 16 woodland areas for research and instruction. Accredited by the Society of American Foresters.

Department of Forestry
Iowa State University
Ames, IA 50010

Degrees: Bachelor of science in forest management or wood products; master of science and Ph.D. in forest biology, economics, mensuration, pathology, and wood science. Field training is concentrated in an 8-week summer camp at the end of the freshman year and in departmentally arranged summer positions with forest-owning agencies and companies. Both camp and summer jobs are required; the camp location is changed periodically to acquaint students with forestry problems and practices nationwide. The Department of Forestry also has important and evolving administrative responsibilities for an undergraduate curriculum in resource development for outdoor recreation. Accredited by the Society of American Foresters.

Department of Forestry
University of Kentucky
Lexington, KY 40546

Degrees: Bachelor of science in forestry with a concentration in forest management; master of science in forestry; and Ph.D. in related areas of specialized study. An 8-week summer camp is required between the junior and senior years. The 15,000-acre University Forest, and State and Federal forests are available for field study and research. The Department of Forestry also administers a 2-year technical program in forestry and wood technology leading to an associate in science (A.S.) degree. Accredited by the Society of American Foresters.

School of Forestry and Wildlife Management
Louisiana State University
Baton Rouge, LA 70803

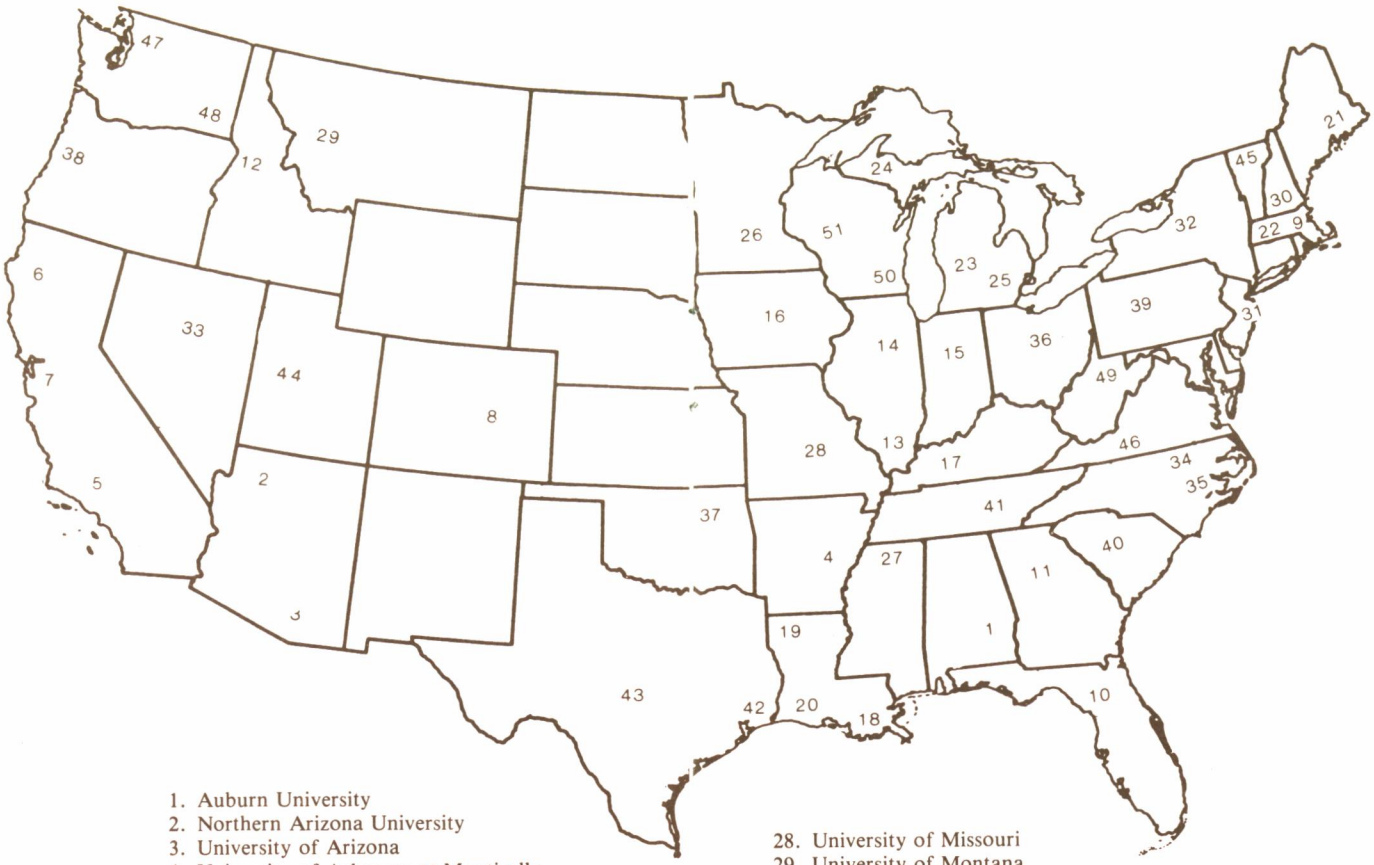
Degrees: Bachelor of science in forestry with curriculum options in forest management, industrial forestry, wood utilization, forest science, and forestry and wildlife; master of forestry; master of science in forestry, forest products technology, wildlife, or fisheries; and Ph.D. in forestry. An 8-week summer camp is required following the junior year. Accredited by the Society of American Foresters.

Department of Agriculture
McNeese State University
Lake Charles, LA 70601

Degree: Bachelor of science with major in forestry or wildlife management. An 8-week summer camp is required for forestry majors following the junior year. A large tract of managed forest land is used for field instruction. Several other forest areas in close proximity to the university provide excellent opportunities for field study. Tours of local forest industries are also conducted.

School of Forestry
College of Life Sciences
Louisiana Tech University
Ruston, LA 71270

Degree: Bachelor of science with majors in forestry, forestry-business, forestry-science, forestry-wildlife, forestry-recreation, wood utilization, or forestry-mechanization. These programs are designed to give a broad, sound professional education. Forestry majors attend summer camp in a 20,000-acre forest for the summer quarter following the junior year. A Land Use Seminar and a Land Use Tour are conducted in conjunction with this summer program. Wood utilization majors attend a summer session following the junior year on a special program from the main campus. Seniors spend Fridays visiting plants, industrial and public forests, and attending professional forestry meetings.



1. Auburn University
2. Northern Arizona University
3. University of Arizona
4. University of Arkansas at Monticello
5. California Polytechnic State University
6. Humboldt State University
7. University of California
8. Colorado State University
9. Yale University
10. University of Florida
11. University of Georgia
12. University of Idaho
13. Southern Illinois University
14. University of Illinois at Urbana-Champaign
15. Purdue University
16. Iowa State University
17. University of Kentucky
18. Louisiana State University
19. Louisiana Tech University
20. McNeese State University
21. University of Maine
22. University of Massachusetts
23. Michigan State University
24. Michigan Technological University
25. University of Michigan
26. University of Minnesota
27. Mississippi State University
28. University of Missouri
29. University of Montana
30. University of New Hampshire
31. Rutgers University
32. State University of New York
33. University of Nevada
34. Duke University
35. North Carolina State University
36. Ohio State University
37. Oklahoma State University
38. Oregon State University
39. The Pennsylvania State University
40. Clemson University
41. The University of Tennessee
42. Stephen F. Austin State University
43. Texas A&M University
44. Utah State University
45. The University of Vermont
46. Virginia Polytechnic Institute and State University
47. University of Washington
48. Washington State University
49. West Virginia University
50. University of Wisconsin, Madison
51. University of Wisconsin, Stevens Point

School of Forest Resources
University of Maine
Orono, ME 04469

Degrees: Bachelor of science in forestry or wildlife management with curriculum emphasis in forestry options, forest management, forest utilization, forest engineering, wildlife management, wildlife biology, and wood science and technology; master of science in forestry or wildlife management; and Ph.D. in forest resources. Dual degrees are possible for forestry and wildlife management, and forestry and recreation and park management. An off-campus training period of 6 weeks in the field is required. The D. B. Demeritt Forest, the Penobscot Experimental Forest of the USDA Forest Service, and State and private lands are available for field study. The School of Forest Resources also administers a 2-year program leading to an associate of science degree in forest management. Accredited by the Society of American Foresters.

University of Forestry and Wildlife Management
University of Massachusetts
Amherst, MA 01002

Degrees: Bachelor of science, master of science, and Ph.D. with concentrations in forestry, natural resources studies, wildlife biology, fisheries biology, and wood technology. Two nearby university forests, other private and publicly owned forest lands, and marine and fresh waters are available for field research and instruction programs. The department also includes Cooperative Fishery and Wildlife Research Units and the Forest Service Environmental Forestry Unit, quartered in a modern, well equipped physical plant. Accredited by the Society of American Foresters.

Department of Forestry
Michigan State University
East Lansing, MI 48824

Degrees: Bachelor of science with a major in forestry, master of science, and Ph.D. The Department of Forestry undergraduate program, based on 4 academic years of study, is designed to provide broad professional training. Provision for a block of elective courses permits students to study in fields of general interest or to concentrate on some particular aspect of forestry such as business administration, timber production, wildlife management, wood utilization, watershed management, urban forestry, forestry recreation, or forestry-related sciences. The modern Natural Resources Building has unsurpassed facilities for forestry instruction and research. Campus woodlands and 8,000 acres of forest lands located throughout the State are available both for undergraduate and graduate study. Other related departments, also housed in the Natural Resources Building, offering undergraduate and graduate programs, are fisheries and wildlife, park and recreation resources, and resource development. Accredited by the Society of American Foresters.

School of Forestry and Wood Products
Department of Forestry
Michigan Technological University
Houghton, MI 49931

Degrees: Bachelor of science in either forestry, wood and fiber utilization, or land surveying; master of science in forestry. Major emphasis is forest management with options in forest business, industrial forestry, urban forestry, recreation resource management, and wildlife ecology. Forest science options include forest genetics, entomology, forest soils, hydrology, and forest ecology. A forest engineering program is coordinated with the College of Engineering. The wood and fiber utilization degree has options in pulp and paper science, wood science and technology, and forest products. Summer school of 10 weeks follows the sophomore year in both forestry and land surveying. Nearby National and State forests, Isle Royale National Park, and a wide range of forest industries provide excellent field study facilities. The Forest Engineering Laboratory of the USDA Forest Service, the University's Institute of Wood Research, and its Ford Forestry Center complement the academic programs and provide additional facilities for research and advanced study. Accredited by the Society of Amrican Foresters.

School of Natural Resources
The University of Michigan
Ann Arbor, MI 48109

Degrees: Bachelor of science in either forestry or natural resources, master of forestry, master of science in natural resources, and Ph.D. Graduate programs include specialties such as biometrics, fisheries management, forest ecology, forest economics, forest entomology, forest pathology, forest protection, forest soils, industrial forest management, mensuration, outdoor recreation management, remote sensing, silviculture, tree physiology, urban forestry, and wildlife management. Master's degrees are also offered in natural resources administration, landscape architecture, and regional planning. Forestry students are required to attend an 8-week summer field program at Camp Filibert Roth, located in the Ottawa National Forest, following the sophomore year. Optional tours are offered to visit forest industries in the South and Pacific Northwest. University forest properties are available for field study, research, and practical training in woods skills. Accredited by the Society of American Foresters.

College of Forestry
University of Minnesota
St. Paul, MN 55101

Degrees: Bachelor of science in forest resources development, forest products, forest science, or recreation resource management; master of forestry, master of science, and Ph.D. in cooperation with the graduate school. Forest resources development majors may also develop related areas in such fields as biology, ecology and silviculture, economics and policy, hydrology, management and administration, measurement and quantitative analysis, range and wildlife, recreation, urban forestry, and wood and fiber products. Forest products majors will complete their program in one of the following specializations: Manufactured housing, pulp and paper technology, marketing, or wood science and technology. Forest science majors may also complete options in either the social science area or the natural science area. Summer session of 4 weeks at the Lake Itasca Forestry and Biological Station follows the sophomore year for majors in the forest resources development and forest science curriculums. Students in the forest resources development curriculum also spend the fall or spring quarter of their senior year at the Cloquet Forestry Center. Accredited by the Society of American Foresters.

School of Forest Resources
Mississippi State University
Mississippi State, MS 39762

Degrees: Bachelor of science in forest resources with majors in forestry, wood science and technology, and fishery management; master of forestry and master of science in the Department of Forestry, master of science in the Department of Wood Science and Technology, and master of science in wildlife ecology in the Department of Wildlife and Fisheries; Ph.D. in wildlife biology in the Department of Biology. Within the undergraduate forestry major, students may follow a wildlife option or elect to concentrate electives in courses related to forest business, forest harvesting, or forest science. A special summer term of 8 weeks, focusing on forestry field practices following the sophomore year, is required for the B.S. degree. The master's program in wildlife ecology offers a major in wildlife management and a major in fishery management. The USDA Forest Service has a research unit headquartered adjacent to the campus in the Forest Sciences Laboratory. The Mississippi Cooperative Fish and Wildlife Research Unit, a unit of the U.S. Department of the Interior, is headquartered in Dorman Hall. Field laboratories within 30 miles of the campus include the school's 8,000-acre John W. Starr Memorial Forest, the Noxubee National Wildlife Refuge, and the Tombigbee National Forest. The school also owns a 1,500-acre forest in northeastern Mississippi. Accredited by the Society of American Foresters.

School of Forestry
Fisheries and Wildlife
University of Missouri–Columbia
Columbia, MO 65211

Degrees: Bachelor of science in forestry or fisheries and wildlife; master of science, Ph.D. in a variety of forestry specializations, or with an emphasis in fisheries or wildlife. Curricula at the undergraduate level include five fields: fisheries and

wildlife, forest management, forest science and specialization, recreational forestry, and wood products. A 6-week summer field session is normally required at the end of the sophomore year in all curricula except fisheries and wildlife and wood products. The 7,300-acre University Forest, the 2,200-acre Ashland area, and the Gaylord Laboratory offer unusual opportunities for field work in education at both the graduate and undergraduate levels and for research and extension. Cooperative Fisheries and Wildlife Research Units and a research center of the USDA Forest Service are located on campus, housed with the school. In addition, the Missouri Department of Conservation, a National Fishery Research Laboratory, and a Fish and Wildlife Service Mississippi Flyway Biologist grouping are available for cooperative activities in education and research. Accredited by the Society of American Foresters.

School of Forestry
University of Montana
Missoula, MT 59812

Degrees: Bachelor of science in forestry, recreation, wildlife biology, and resource conservation; master of forestry; master of science with majors in forestry, resources administration, wildlife biology, recreation, and resource conservation; Ph.D. in forestry, wildlife biology, and recreation. Undergraduate curriculum emphasis: forest business, timber, range, land-use planning, watershed, economics, and soils. No summer camp. Two full summers of approved field experience are strongly recommended for graduation. Research studies on the 29,000-acre school forest located 30 miles east of Missoula are in cooperation with State, Federal, and private agencies. Accredited by the Society of American Foresters.

Forestry Program
University of New Hampshire
Durham, NH 03824

Degrees: Bachelor of science in forestry and wildlife management; master of science in forestry or wildlife management; and an interdepartmental Ph.D. program in genetics. Strong affiliated programs in forest hydrology and resource economics. Undergraduate field work on 2,200 acres of university woodlands on campus. June field session for undergraduates, but no summer camp. Forest and watershed research program in cooperation with USDA Forest Service, Northeastern Forest Experiment Station personnel headquarters at Durham, and with other research agencies. Accredited by the Society of American Foresters.

Forestry Section, Cook College
Rutgers, the State University
New Brunswick, NJ 08903

Degree: Bachelor of science with major in forestry or wildlife biology. The undergraduate curricula stress broad and basic preparation for graduate work and professional careers in natural resources management, forestry, wildlife management, and related fields. Graduate program available in wildlife ecology. Three-week forestry summer field camp on college forest adjacent to Stokes State Forest follows sophomore year. Helyar and Hutcheson Forests and other college woodlands on or near campus available for field instruction and research. The wildlife option meets the educational requirements of The Wildlife Society, and the forestry curriculum is approved as an affiliated institution of the Society of American Foresters.

School of Forestry
College of Environmental Science and Forestry
State University of New York
Syracuse, NY 13210

Degrees: Degrees from the associate to the doctoral level are offered in the five schools comprising the College: Forestry; biology, chemistry, and ecology; environmental and resource engineering; landscape architecture; and forest technology. Each of these schools has its own curriculum, which includes a variety of options or opportunities for course concentrations. Entrance to the college is made at the beginning of the junior year. For students majoring in forestry or forest biology, entrance to the junior year is via a 5-week summer camp. Students majoring in paper science and engineering and wood products engineering are also required to have summer work experience following the junior year. Graduate programs are available in the following areas: Silviculture and forest in-

fluences, resource management and policy, botany and pathology, chemistry, economics, entomology, zoology, landscape architecture, paper science and engineering, and wood products engineering. Interdisciplinary graduate study programs are available in world forestry, urban forestry, water resources, resource policy and administration, and environmental communications. The College has six demonstration and research forests totaling over 25,000 acres, used as field laboratories. Several distinguished research institutes are located on the main campus and at the field campuses, including a unit of the USDA Forest Service's Northeast Forest Experiment Station. Accredited by the Society of American Foresters.

Division of Renewable Natural Resources
University of Nevada
Reno, NV 89507

Degrees: Bachelor of science, and master of science with options in forestry, range management, recreation area management, watershed management, wildlife management, and wildland conservation; Ph.D. available in hydrology. No summer camp. One summer of approved field experience or equivalent is required for graduation. Close proximity to public lands provides ample opportunity for field instruction and demonstration.

School of Forestry and Environmental Studies
Duke University
Durham, NC 27706

Degrees: Graduate education only. Master of forestry and master of environmental management offered through the School of Forestry and Environmental Studies; master of science, master of arts, and Ph.D. offered through the Department of Forestry and Environmental Studies of the Graduate School. Concurrent degrees offered with the Graduate School of Business Administration and the Institute of Policy Sciences and Public Affairs. The school places emphasis on interdisciplinary study in three conceptual areas: natural resources science/ecology, systems sciences, and economics/policy. Competency is developed through formal course work, independent study, seminar participation, and the master's research project. Alternative

educational opportunities are provided through the Center for Resource and Environmental Policy Research, week-long intensive courses, the integrated case studies program in natural resource analysis, and summer field courses. The 8,500-acre Duke Forest is adjacent to the campus. The school houses several laboratories, an extensive library, and a computer terminal with access to two IBM 370 Model 165 digital computers. Three keypunch units and teletypewriter are also available. Adjoining the school are greenhouses and a phytotron with 50 separately controlled growth chambers. The nearby Research Triangle Park provides an opportunity for internships and exposure to current topics in research. Programs of study at the master's level require 30 to 60 units of academic credit depending upon the undergraduate background; doctoral studies ordinarily require an additional 2 years of residence. Accredited by the Society of American Foresters.

School of Forest Resources
North Carolina State University
Raleigh, NC 27650

Degrees: Bachelor of science in forestry, conservation, recreation resources administration, pulp and paper science and technology, and wood science and technology; master of science in forestry, recreation resources administration, and wood and paper science; master of forestry, recreation resources, and wood and paper science; and Ph.D. in forestry, and wood and paper science. Departmental graduate programs include: (1) Forestry—biology, biometry, ecology, economics, engineering, entomology, genetics, hydrology, pathology, soils, wildlife, (2) Recreation—interpretive services, natural resource recreation management, recreation planning, urban park management, commercial recreation, (3) Wood and Paper Science—anatomy, wood moisture relations, wood chemistry, wood and paper physics, wood processing, wood and fiber mechanics, pulping chemistry. Summer camp or practicum is required in all undergraduate curricula except conservation. There are specialized laboratory facilities in wood and paper science and five demonstration, research, and teaching forests totaling over 80,000 acres. Strong cooperative programs in research and education with several public and private organizations. Accredited by the Society of American Foresters.

Division-Department of Forestry
School of Natural Resources
Ohio State University
Columbus, OH 43210

Degrees: Bachelor of science in natural resources with a major in forest industries management, forest resource management, or forest biology; master of science in natural resources with majors in forest biology or forest resource management; interdisciplinary Ph.D. in cooperation with other departments in related fields such as agronomy, genetics, etc. The forest industries management and the forest resource management programs prepare students (1) for mid- and corporate-management positions in the wood-using industries, or (2) for management of the forest resource with industry or public agencies. Both programs emphasize the economics-business-systems analysis approach to management. The undergraduate forest biology program prepares students for graduate study in selected facets of forest biology. The graduate programs lead to a career as a research scientist and/or teacher in forest ecology, forest genetics, forest soils and tree nutrition, tree physiology, or silviculture. Resident instruction facilities include a new building on the Ohio State University campus and the 1,100-acre Barnebey Center for Environmental Studies, which is 30 miles south of Columbus. Research facilities are located at the Ohio Agricultural Research and Development Center, Wooster, Ohio. The Wooster facility includes a research library, computer center, research laboratories, greenhouses, growth chamber, forest nursery, Secrest Arboretum, and experimental plantations and forests. The Pomerene Forest Laboratory near Coshocton, Ohio, is a 230-acre tract used primarily in support of forestry research.

Department of Forestry
Oklahoma State University
Stillwater, OK 74074

Degrees: Bachelor of science in forestry, with curriculum options in forest management, forest recreation, forest business, forest science, and urban forestry; master of science in forest ecology, forest economics, forest genetics, forest management, forest recreation, silviculture, and forest soils. Undergraduate program requires 144 semester hours, including a summer camp that is usually out-of-state. Graduate program requires 30 semester hours and original research and thesis. Accredited by the Society of American Foresters.

School of Forestry
Oregon State University
Corvallis, OR 97331

Degrees: Bachelor of science with majors in forest engineering, forest management, and forest products; master of forestry, master of science, and Ph.D. in the three departments. Forest engineering also offers a 5-year program in cooperation with civil engineering; the forest management curriculum offers options in forest biology, forest harvesting, forest products, business, pulp and paper technology, public administration, range management, resource recreation management, statistics and wildlife management; in forest products, options are offered in wood science and wood industry management. Programs requiring a fifth year may be arranged to permit qualifying for (1) second bachelor degrees in forestry curricula and in science, business, and engineering, or (2) a master of business administration degree in business and technology. At least 6 months of approved field or industrial employment are required before graduation with a bachelor's degree. There is no summer camp. The 14,000-acre school forest; various State, Federal, and private forests; and many wood-industry plants are available for instruction, research, and employment. The school's Forest Research Laboratory with its forest management, engineering, and products divisions, and the USDA Forest Service Forestry Sciences Laboratory offer specialized research facilities. Accredited by the Society of American Foresters.

School of Forest Resources
The Pennsylvania State University
University Park, PA 16802

Degrees: Bachelor of science with a major in forest science or forest products, and option in wildlife management; master of forest resources, master of science in forest resources or wildlife management, master of agriculture focused on communication in natural resources, and Ph.D. in forest resources. Areas of graduate specialization include biometrics, sociology of recreation, remote sensing, timber management, forestry economics,

hydrology, wildlife management, ecology, silviculture, genetics, wood rheology, wood drying, wood adhesives, wood anatomy, wood chemistry, pulp and paper, and industrial operations analysis. Field experience is gained by all students in junior year required courses and an optional field experience practicum is available in the senior year. The 6,500-acre University Experimental Forest, farm woodlots, and adjacent State forests and game lands are used for field study and research. The School is housed in two buildings; one, the Forest Resources Laboratory, has numerous research and classroom-laboratory space with attached greenhouses. Accredited by the Society of American Foresters.

Department of Forestry
Clemson University
Clemson, SC 29631

Degrees: Bachelor of science in forest management or wood utilization; master of science in forestry and master of forestry with majors in forest management or wood utilization. Summer camp of 9 weeks following sophomore year for forest management majors. The 17,000-acre Clemson Experimental Forest, surrounding the campus and owned by the university, has a wide range of forest types and is used extensively for teaching and research. Accredited by the Society of American Foresters.

Department of Forestry, Wildlife, and Fisheries
The University of Tennessee
Knoxville, TN 37916

Degrees: Bachelor of science in forestry with options in forest resource management and forest recreation; master of science in forestry with options in forest economics, forest management, recreation, silviculture, tree improvement, and genetics; master of science in wildlife or fisheries management; interdepartmental Ph.D. program in ecology. A 10-week spring camp follows the junior year. The university has 21,000 acres of forest land available to the department for instructional uses, demonstration, and research. The Great Smoky Mountains National Park, National Forests, TVA properties, Tennessee Wildlife Resources Agency, and extensive, well-managed private holdings

located nearby offer additional opportunities for instruction and research. Forest types available for study range from those of the boreal forest to southern pines. Accredited by the Society of American Foresters.

Department of Forestry
Stephen F. Austin State University
Nacogdoches, TX 75962

Degrees: Bachelor of science in forestry with options in forest management, forest recreation management, forest game management and forest range management, forest fire, urban forestry, and wood science; master of forestry or master of science in forestry programs are available for candidates with undergraduate degrees in forestry or in fields other than forestry; doctor of forestry and a cooperative Ph.D. program are also available. Areas of specialization include forest management, forest biology, silviculture, wildlife management, recreation, soils entomology, pathology, taxonomy, wood technology, fire management, forest economics, and biometrics. A summer field program of 6 weeks follows the sophomore year. The Stephen F. Austin and San Jacinto Experimental Forest of the USDA Forest Service, Southern Forest Experiment Station, four National Forests, and extensive industrial lands are available for teaching and research. A USDA Forest Service wildlife habitat and silviculture laboratory is located on campus. Accredited by the Society of American Foresters.

Department of Forest Science
Texas A&M University
College Station, TX 77843

Degrees: Bachelor of science in forestry with options in forest resource management, urban forestry, and wood science and technology; graduate study in forest ecology, forest economics, forest engineering (in cooperation with the departments of agricultural engineering and civil engineering), forest soils, forest genetics, forest pathology, forest entomology, wood chemistry, silviculture, urban forestry, and wood technology leading to master of science, master of agriculture, and Ph.D. degrees. Forestry students may elect an interdisciplinary program of natural resource development leading to a master of agriculture degree. The

Department of Forest Science is a part of the Institute of Renewable Natural Resources, which includes the Department of Recreation and Parks, Department of Range Science, and Department of Wildlife and Fisheries Science. Industrial, State Forest, and National Forest lands are conveniently available for class use through agreements with their owners. A wide variety of wood-using industries are used for field trip and class study. Accredited by the Society of American Foresters.

College of Natural Resources
Utah State University
Logan, UT 84322

Degrees: Bachelor of science in forestry, environmental studies, outdoor recreation, range science, watershed science, or wildlife science; master of science, master of forestry, and Ph.D. The Department of Forestry and Outdoor Recreation offers several options—forest management, forest biology, forest recreation, forest watershed management, environmental studies, outdoor recreation, and watershed science. The Department of Range Science offers special programs in range science, forest-range management, range watershed management, range-livestock management, range-wildlife management, range economics, and watershed science. The Department of Wildlife Science offers an option in general wildlife management and several options in the terrestrial and aquatic areas. Emphasis is on training for employment with public land and resource managing agencies. Summer camp, required in certain options, follows the sophomore year. The College owns and leases 2,500 acres of forest land near summer camp and 4,000 acres of experimental range in southwestern Utah. Accredited by the Society of American Foresters.

Department of Forestry
The University of Vermont
Burlington, VT 05401

Degrees: Bachelor of science in forestry with options in forest management and wildlife management; master of science in forestry offered through the graduate college. Summer camp of 8 weeks follows the sophomore year. University forests of 1,100 acres, the 20,000-acre Mount Mansfield State Forest, and the USDA Forest Service Green Mountain National Forest are available for field study. Graduate programs are available in the Department of Forestry and in cooperation with other departments of the College of Agriculture and the Northeastern Forest Experiment Station Research project in Burlington. Accredited by the Society of American Foresters.

School of Forestry and Wildlife Resources
Virginia Polytechnic Institute and State University
Blacksburg, VA 24061

Degrees: Bachelor of science in forestry and wildlife resources with options in forest resource management, industrial forestry operations, forest products utilization, wildlife management, fisheries science, forest recreation and park management, and environmental conservation. Graduate work leading to the master of science and Ph.D. degrees is offered in wildlife, fisheries, and forestry. The forestry and wildlife program offers professional training in the management of the natural resources of wildland areas. It provides a broad background in the basic sciences, with the opportunity to concentrate in an interest area. A special program concentrating in forest biometry and statistics is also available. The master of science and Ph.D. degrees in wildlife management and fisheries science are offered in cooperation with the Virginia Cooperative Wildlife Research Unit, the Cooperative Fishery Unit, and the Biology Department. Accredited by the Society of American Foresters.

College of Forest Resources
University of Washington
Seattle, WA 98195

Degrees: Bachelor of science in forest resources with concentration in forest resource management, forest engineering, wood and fiber science, wildlife science, pulp and paper technology, and outdoor recreation; master of forest resources, master of science and Ph.D. in highly individualized programs of study, covering a variety of areas such as forest resource management, including silviculture, wildlife and range habitat management, forest protection, fire science and management, timber production, forest inventory and mensuration, aerial photo interpretation and reforestation. Within each undergraduate area, in-

dividual variations of course work are possible. The programs in forest resource management and forest engineering include required residential field studies at the college's demonstration forests. Forest engineering students also spend a quarter of their senior year in field case studies. An undergraduate honors program and undergraduate research participation are open to selected students. Specialized study is provided through the three Academic Divisions of the college: Biological Science—forest entomology, forest pathology, forest ecology, forest genetics, meteorology, tree physiology, ecosystem analysis, wildlife science and forest soils; Physical Science—wood anatomy and structure, wood chemistry, wood and fiber physics, wood utilization and technology, forest hydrology, forest engineering; and Management-Social Sciences—forest industries management, quantitative resource management, forest economics and finance, land use planning and resource policy, sociology and leisure studies, outdoor recreation management, and resource and environmental interpretation. The master's program is designed for possible completion in 1 academic year. The Ph.D. degree requires a minimum of 3 years. Applications are accepted for all quarters. Accredited by the Society of American Foresters.

Department of Forestry and Range Management
Washington State University
Pullman, WA 99163

Degrees: Bachelor of science in forest management and range ecology; master of science in forestry and range ecology. Undergraduate curricula provide 20 to 30 semester hours of electives, allowing some specialization. Examples in either forestry or range: Forest management, range management, biology, business, conservation, physical science, recreation, soils, wildlife habitat, and a separate curriculum in recreation. Others are available to meet individual needs. A program of professionally integrated work is required in lieu of summer camp. Master of science degree work is available in many specializations, such as silviculture, watershed, entomology, pathology, economics, administration, mensuration and statistics, wood science, range ecology, range plant physiology, recreation, genecology, soils, and environmental biology. Accredited by the Society of American Foresters.

Division of Forestry
West Virginia University
Morgantown, WV 26506

Degrees: Bachelor of science in forestry with a major in forest resources management or wood industry; bachelor of science with a major in wildlife resources, and bachelor of science in recreation with a major in recreation and parks; master of science in forestry with a major in forest biometry, forest ecology, forest economics, forest genetics, forest hydrology, forest meteorology, forest management or silviculture; master of science with a major in a forestry-related field (e.g., recreation, wildlife management, or wood industries), and Ph.D. in forest resources science with a major field of study in forest science, wood science, or wildlife management. Summer field practice of 5 weeks follows the junior year of curricula leading to the degree of bachelor of science in forestry. Emphasis is given to the management and utilization of hardwood forests, lands, and products. Six hardwood forests covering 14,000 acres owned or managed under agreement by the Division of Forestry. Accredited by the Society of American Foresters.

Department of Forestry
University of Wisconsin-Madison
Madison, WI 53706

Degrees: Bachelor of science with major in forest science, master of science, and Ph.D. Core courses in the undergraduate curriculum rely on a background in mathematics and statistics, and are designed for students with a strong high school science program and an interest in quantitative/analytical approaches to forestry problems. Through an elective program, a field of interest may be developed from the following areas: forest biology, resources management, managerial science, or wood and fiber science. Preparation for professional forest-resource management careers is emphasized at the bachelor of science level. The master of science and Ph.D. degrees are offered at the graduate level in forestry or jointly with other departments in the university. Emphasizing biological, physical, or managerial forest sciences, graduate majors are available in forest biometrics, ecology, economics,entomology, genetics, management, recreation, silviculture, pathology, physiology, soils, wood and fiber science, and

forest products. Laboratory, field, and computer research facilities are available. Cooperative graduate programs may be arranged with the Forest Products Laboratory at Madison, the Forest Service Institute of Forest Genetics at Rhinelander—both U.S. Department of Agriculture facilities—or with other public and private forestry agencies. In addition to the university-owned field stations, public and private forest lands are available for research at locations throughout the State. A close working relation is maintained with the Wisconsin Department of Natural Resources in forestry research and management programming. Accredited by the Society of American Foresters.

Department of Forestry
College of Natural Resources
University of Wisconsin, Stevens Point
Stevens Point, WI 54481

Degrees: Bachelor of science in forestry, water resources, soil science, resource management, wildlife and fisheries, and environmental education; master of science in natural resources with specialties in all of the aforementioned disciplines. The forestry major has options in forest management, forest administration, forest recreation, and urban forestry. Curricula are designed to prepare students as natural resource managers with specific training in a major discipline. In addition to the on-campus academic program, a 6-week summer camp in northern Wisconsin or a summer program in the Black Forest of Germany is required for all majors. Outdoor laboratories and forest industries are available for study and research within a 10-minute drive of the campus. Field seminars to other regions of the United States are available in forestry, soils, wildlife, and environmental education. An internship program, involving the Wisconsin Department of Natural Resources, USDA Forest Service, other public agencies, and private industries, provides on-the-job training for natural resources students. Accredited by the Society of American Foresters.